INVESTMENT PROPOSAL FOR GETTING ENDORSEMENT

- PRESENTED BY –
- **MR. INOUE SHOICHI**
- **MANAGING DIRECTOR**
- **MYAUNG MYA FM BIOMASS POWER CO., LTD.**

BUSINESS PROFILE

Company Name **Myaung Mya FM Biomass Power Co., Ltd.**

Location Danone Chaung Taung Village, No. 22, Motesoe Field,
Myaung Mya Township, Myaung Mya District,
Ayeyarwaddy Region. **Location Map**

Business **Joint Venture Company**
Electricity Generating from Rice Husks

ORGANIZATIONAL STRUCTURE

(1) **Fujita Corporation** **-** (80%) Contribution

Represented by –

(a) Mr. Inoue Shoichi — Managing Director

(b) Mr. Saeki Yoshio — Director

(c) Mr. Ishii Tomohiro — Director

(2) **Myanmar Agribusiness Public Corporation (MAPCO) Limited.** **-** (20%) Contribution

Represented by –

(a) U Ye Min Aung — Director

INFORMATION FOR LAND AND BUILDING

- Land Area : 7,150 sqm (1.766 acres)

- Lessor :

MAP OF THE LAND

LAND

Myaungmya district, Ayeyarwady Region, Republic of the Union of Myanmar









【Location of land】

East longitude16° 53′6″, North latitude16° 35′49″

Danone Choung Village Group, No. 22, Musoe Field,MyaunMya District

Land Owner:
Myanmar Agribusiness Public Corporation Ltd (MAPCO)

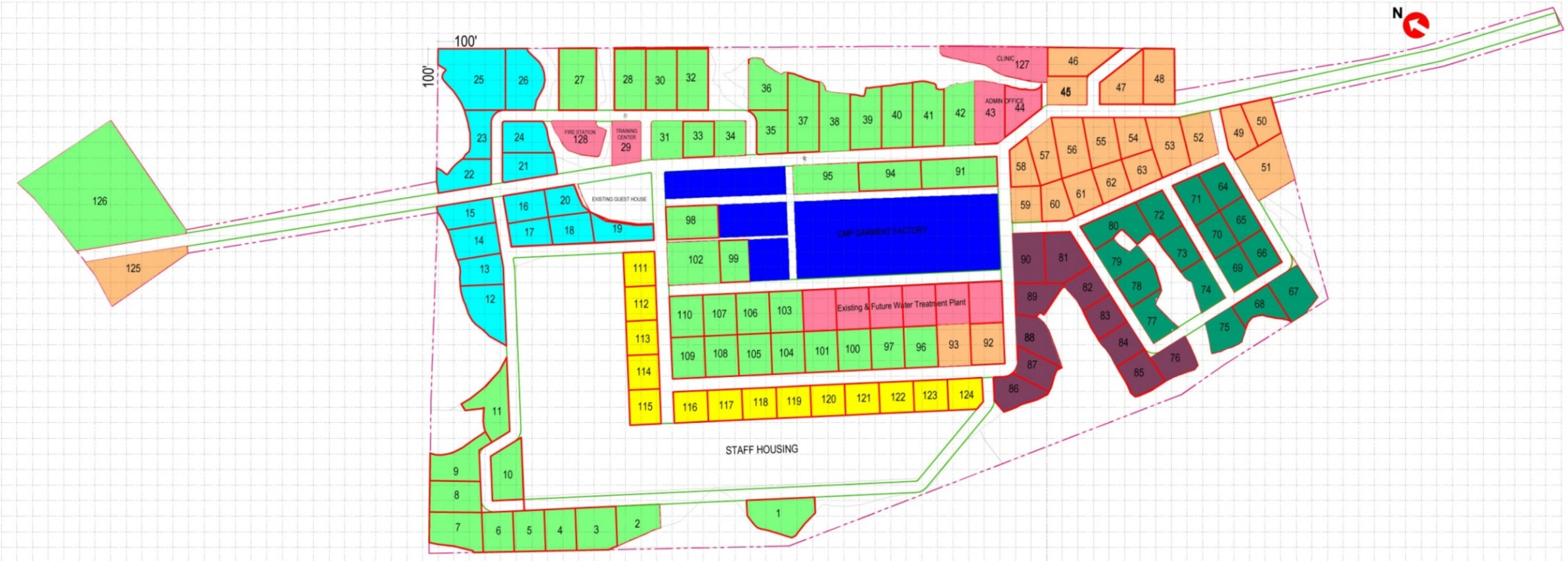
LAND PHOTOS







Agriculture and Livestock, Industrial Zone (Myaung Mya)



LAND LOT PLAN

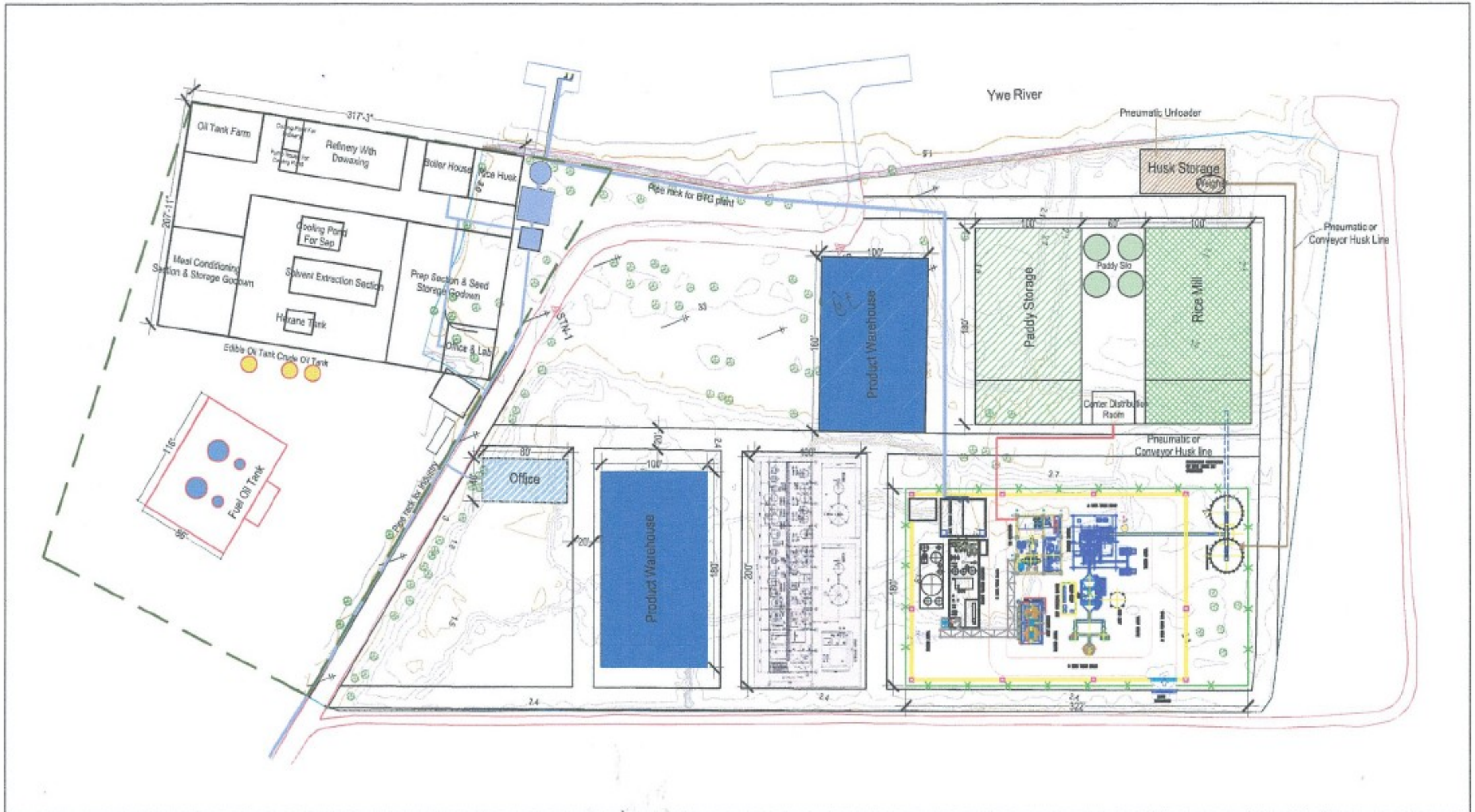
LAND AREA	- 14,580,403 SQ.FT (334.72 ACRES)
DRIVE WAY AREA	- 2475459 SQ.FT (56.83 ACRES)
NOS OF LOT	- 128 nos.

Administration & Service Utilities	7.601 acre	5 Plots
Integrated Rice Complex Project	78.54 acre	45 Plots
Bean,Corn & Sesame Processing Factories	13.179 acre	11 Plots
Fishery Cold Storage & Processing Factories	21.264 acre	15 Plots
Agro - Industries	14.167 acre	14 Plots
Wood-Based, Pulp & Paper Mill	17.948 acre	16 Plots
CMP Garment Factory	21.66 acre	Existing Area
Logistic & Transportation Area and Oil Depot	30.037 acre	22 Plots
Total	**204.39 acre**	**128 Plots**

Drawing Title; Conceptual Layout Plan	Project Title; Myaung Mya Industrial Zone	Draw By	ZNMH	
		Checked By	U Win Htut	
		Approved By	U Kyin Swe	
Drawing no. : 001/2017	Sheet no. : A-001	Date : 24.2.2017	Scale : As Shown	

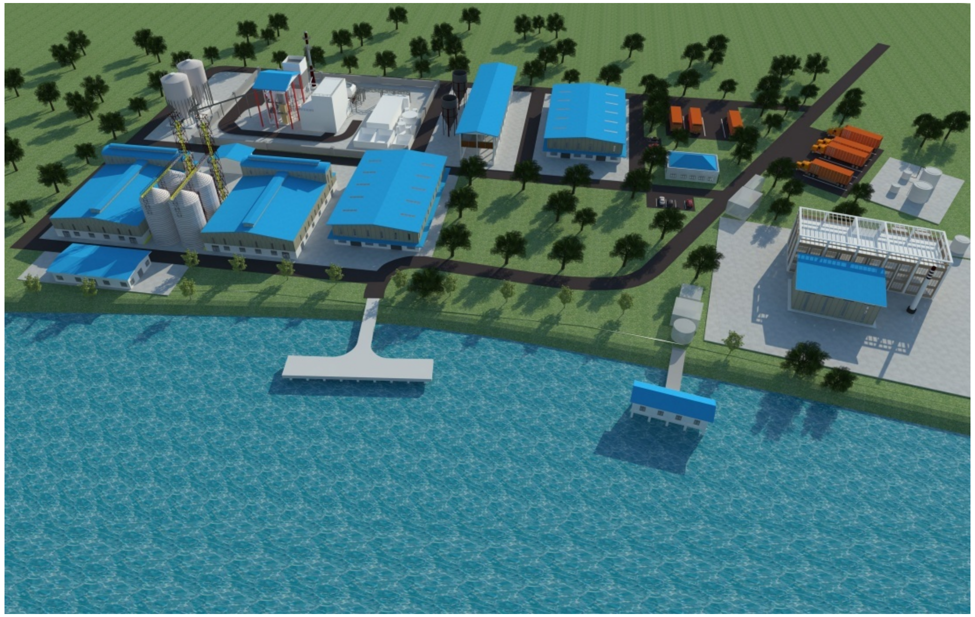
MAPCO
Myanmar Agribusiness Public Corporation
MAPCO Building,No.100,Wardan and Kan Nar Street,
Beside the Concrete Express Way,Wardan Port Area,
Seik Kan (Port)Tsp,Myanmar.
Tel : (+95-1)230 1652 ~ 53
Fax : (+95-1)230 1653
Website : www.mapco.com.mm Email:bod@mapco-ygn.com

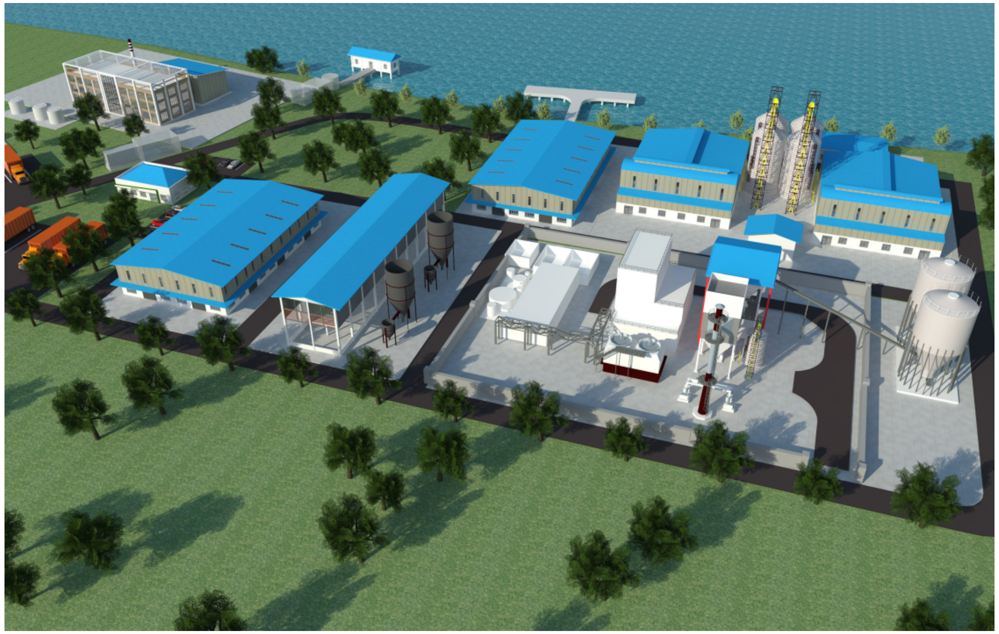
CONCEPTUAL LAYOUT PLAN FOR POWER PLANT SITE



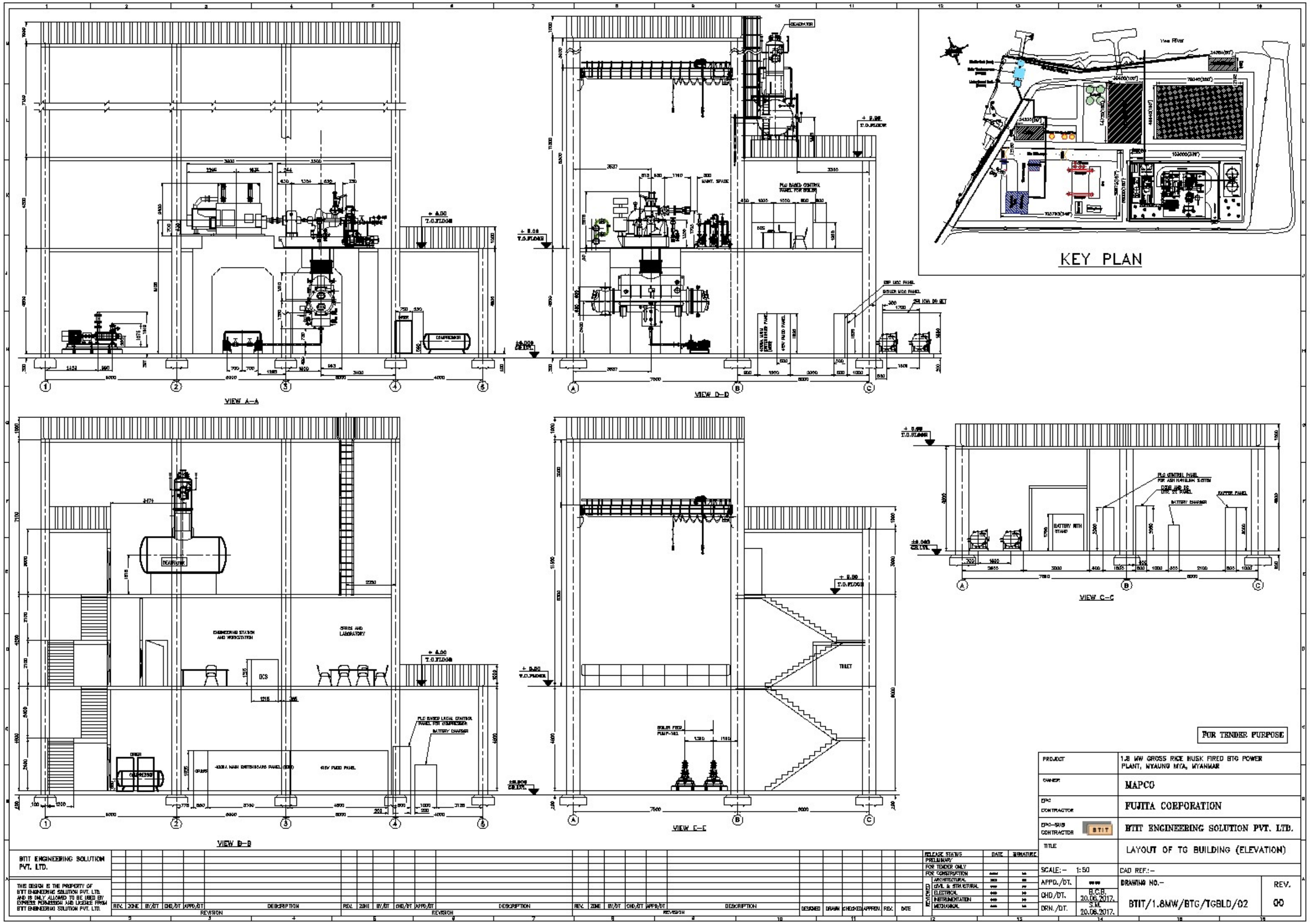
Drawing Title; Conceptual Layout Plan	Project Title; Rice Mill, Bran Oil Mill & Husk Fired Power Plant Project (Myaung Mya)	Draw By	ZNMH	Myanmar Agribusiness Public Corporation MAPCO Building,No.100,Wardan and Kan Nar Street, Beside the Concrete Express Way,Wardan Port Area, Seik Kan (Port)Tsp,Myanmar. Tel : (+95-1)230 1652 ~ 53 Fax : (+95-1)230 1653 Website : www.mapco.com.mm Email:bod@mapco-ygn.com
		Checked By	U Kyin Swe	
		Approved By	U Kyin Swe	
Drawing no. : 015/2017	Sheet no. : A-001	Date : 19.6.2017	Scale : As Shown	

3D DRAWINGS FOR POWER PLANT SITE





ELEVATION OF TG BUILDING



NO OBJECTION LETTER FROM AYEYARWADDY REGIONAL GOVERNMENT TO MYAUNG MYA FM BIOMASS POWER CO., LTD.

လျှို့ဝှက်

ပြည်ထောင်စုသမ္မတမြန်မာနိုင်ငံတော်
တိုင်းဒေသကြီးအစိုးရအဖွဲ့
ဧရာဝတီတိုင်းဒေသကြီး

ဧရာဝတီတိုင်းဒေသကြီး အစိုးရ ... ပုသိမ်မြို့
စာအမှတ် ....
ရက်စွဲ ....

စာအမှတ်၊ ၆၀၀/၆-၄(၄၈၁)/အစိုးရ(ဧရာဝတီ)
ရက်စွဲ၊ ၂၀၁၇ခုနှစ်၊ မတ်လ ၃၀ ရက်

သို့

Myaung Mya FM Biomass Power Co.,Ltd

အကြောင်းအရာ။ **မြောင်းမြမြို့၊ စပါးခွံဓာတ်ငွေ့သုံးလျှပ်စစ်ဓာတ်အားပေးစက်ရုံ စီမံကိန်းပြုလုပ်ရန် အတွက် သဘောထားမှတ်ချက်ပေးပို့ခြင်းကိစ္စ**

ဖူဂျီတာကော်ပိုရေးရှင်းနှင့် မြန်မာ့စိုက်ပျိုးမွေးမြူရေးကုမ္ပဏီလီမိတက်(MAPCO)တို့ ပူးပေါင်း၍ ဧရာဝတီတိုင်းဒေသကြီး၊ မြောင်းမြခရိုင်အတွင်းရှိ စပါးခွံဓာတ်ငွေ့သုံးလျှပ်စစ်ဓာတ်အားပေး စက်ရုံစီမံကိန်းကို ရင်းနှီးမြှုပ်နှံရန်အတွက် MICခွင့်ပြုချက်ရရှိရန် လိုအပ်ပါသဖြင့် ထောက်ခံချက် ရရှိနိုင်ရေး တင်ပြလာမှုနှင့်ပတ်သက်၍ ဧရာဝတီတိုင်းဒေသကြီးအစိုးရအဖွဲ့အစည်းအဝေးအမှတ်စဉ် (၂/၂၀၁၇)၊ ဆုံးဖြတ်ချက်(၁၇)၌ 'တိုင်းဒေသကြီးပတ်ဝန်းကျင်ထိန်းသိမ်းရေးနှင့် ရာသီဥတုပြောင်းလဲမှု ဆိုင်ရာကြီးကြပ်မှုကော်မတီမှ စိစစ်ပြီး သဘောထားအကြံပြုချက်ပြန်လည်တင်ပြရန်' ဆုံးဖြတ်ခဲ့မှုအရ တိုင်းဒေသကြီးပတ်ဝန်းကျင်ထိန်းသိမ်းရေးနှင့်ရာသီဥတုပြောင်းလဲမှုဆိုင်ရာကြီးကြပ်မှုကော်မတီ ၏ စိစစ်တင်ပြလာမှုနှင့်ပတ်သက်၍ (၂၄-၃-၂၀၁၇)ရက်နေ့တွင် ကျင်းပပြုလုပ်သည့် ဧရာဝတီတိုင်းဒေသကြီး အစိုးရအဖွဲ့အစည်းအဝေး အမှတ်စဉ် (၁၀/၂၀၁၇)၊ ဆုံးဖြတ်ချက်(၁၂)၌ **"ကန့်ကွက်ရန်မရှိကြောင်း Myaung Mya FM Biomass Power Co.,Ltdသို့ ပြန်ကြားရန်"** ဆုံးဖြတ်ခဲ့ပါသဖြင့် လုပ်ထုံး လုပ်နည်းများနှင့်အညီ ဆက်လက်ဆောင်ရွက်သွားရန် အကြောင်းကြားပါသည်။

29-2-17

ဝန်ကြီးချုပ် (ကိုယ်စား)
(သန်းဆွေဝင်း၊ အတွင်းရေးမှူး)

မိတ္တူကို

လျှပ်စစ်၊စွမ်းအင်၊စက်မှုလက်မှုနှင့်လမ်းပန်းဆက်သွယ်ရေးဝန်ကြီး၊
ဧရာဝတီတိုင်းဒေသကြီးအစိုးရအဖွဲ့
ညွှန်ကြားရေးမှူး၊ တိုင်းဒေသကြီးပတ်ဝန်းကျင်ထိန်းသိမ်းရေးဦးစီးဌာန၊ ပုသိမ်မြို့
လှည့်လည်စာတွဲ/ရုံးလက်ခံ

လျှို့ဝှက်

INVESTMENT

Particulars	Foreign Capital (80%) (US $)	Local Capital (20%) (US $)	Total Investment Amount (US $)
Capital Contribution in Cash	2,947,912.00	736,978.00	3,684,890.00

INCOME

Sr. No.	Particulars	A/U	Year 1 ~ Year 15		
			Quantity	**Unit Price**	**Amount (US $)**
1	Power Sale	kwh	11,628,000	0.08	930,240.00
	TOTAL INCOME (USD)		**11,628,000**		**930,240.00**

Note: The Calculation to get above mentioned quantity is as follows:

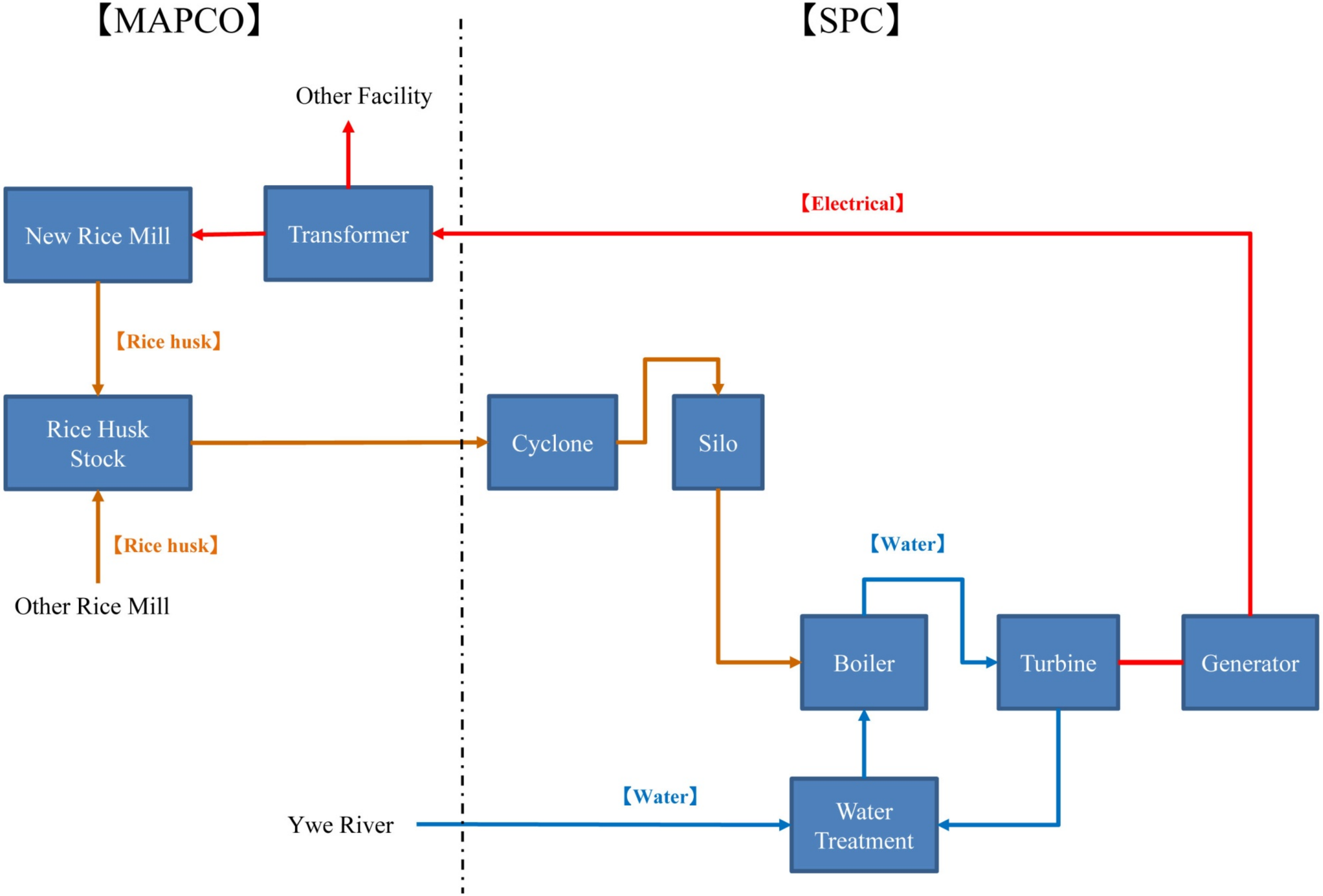
Generation scale : 1,615 kw

1,615 kW×24hrs = 39,624 kwh

300 days ×24Hrs = 7,200 hrs.

39,624 kWh×7,200 hrs = 11,628,000 kwh

Block Diagram for Rice Husk Generation



EMPLOYMENT & SALARY

- **Local Employee**

  16 persons (1st ~ 3rd Year)

  19 persons (4th ~ 30th Year)

  (MMK 108,000 ~ MMK 1,800,000)

IMPORT LIST Slide 24

No.	Particular	Quantity	Total Price (US $)
A.	Machinery and Equipments	15	**2,440,054.00**

PROFIT & LOSS BUDGET (YEAR 6)

Sr. No.	Particulars	Amount
(a)	Local Sales	US $ 0.93 Million
(b)	Total Expenditure	US $ 0.55 Million
(c)	Net Profit before tax	US $ 0.38 Million
(d)	Income Tax	US $ 0.09 Million
(e)	Commercial Tax (5 %)	US $ 0.05 Million

PAYBACK PERIOD & IRR

- Payback period **- 6 years and 8 months**

- IRR **- 11.54 %**

CORPORATE SOCIAL RESPONSIBILITY (CSR) PROGRAM

We have planned to contribute (1%) upon our net profit after tax by doing the following activities :

(a) Trainings for upgrading of employees' skills (25%)

(b) Health care to our employees (25%)
(c) Contribution for industrial zone development (25%)
(d) Charity activities (25%)

.

PLAN FOR ELECTRICITY USAGE

- Gross Capacity : 1816 kW
- Parasitic Load : 201 kW
- Net Capacity : 1615 kW （1816 kW - 201 kW）

- Operation Hours : 24 hours
- Operation Days : 300 days

- Gross Generation = 1816 x 24 x 300 = 13075200 kWh
- Parasitic Load = 201 x 24 x 300 = 1447200 kWh
- Net Generation = 1615 x 24 x 300 = 11628000 kWh

ENVIRONMENTAL MANAGEMENT PLAN

- To get clean environment -:

- will build well drainage system

- will keep the dustbins in every place to get easy access in factory

- will plan to dispose the waste via related city development committee based on their rules and regulations

- will also take care to control air pollution and sound pollution.

FIRE SARETY PLAN

- Install fire safety system in the factory and instruments for firefighting due to the instruction from fire station.
- Define the rules for fire safety
- Give knowledge and training to employees to prevent fire problems.
- Keep enough amounts of fire extinguishers in business area for emergency fire problems.
- Manage the employees to follow the rules and regulations for fire safety.
- Give the training about emergency firefighting techniques
- Define nonsmoking area in the factory
- Define some rules and regulations to prevent fire problems by electricity usage.

Thank You.

Machinery and Equipments

NO.	LIST OF ITEM	H.S CODE	UNIT	QTY	UNIT PRICE (USD)	TOTAL VALUE	SOURCE	
							LOCAL	IMPORT
1	Boiler, its Auxiliaries and Ancillaries Equipment	8404.90.90.10	Unit	1	627,404.00	627,404.00		Brand New
2	Pollution Control Equipment with Accessory	8421.99.20.00	Unit	1	91,020.00	91,020.00		Brand New
3	Boiler water System (Power Cycle)	8402.11.10.00	Unit	1	7,000.00	7,000.00		Brand New
4	Fuel (Rice Husk) Handling System From Storage Silo to Fuel Bunker at Boiler	8543.70.40.00	Unit	1	25,000.00	25,000.00		Brand New
5	Ash Handling System with Accessory	8543.70.40.00	Unit	1	57,400.00	57,400.00		Brand New
6	Plant Water System with Accessory	8402.11.10.00	Unit	1	210,740.00	210,740.00		Brand New
7	Circulating and Auxiliary Cooling Water (CCW) System with Accessory	8419.50.10.00	Unit	1	32,800.00	32,800.00		Brand New
8	Plant Piping System and valves	8402.90.90.00	Unit	1	48,000.00	48,000.00		Brand New
9	Air Compressor with Accessory	8404.10.20.00	Unit	1	15,500.00	15,500.00		Brand New
10	Hydrant System with Accessory	8481.80.90.00	Unit	1	9,860.00	9,860.00		Brand New
11	Crane for Turbine Generator Building	8426.20.00.00	Unit	1	34,500.00	34,500.00		Brand New